



# InspirAIR® FRESH

## ERV

### EK120-HR-N

99 CFM at 0.4 in.w.g (ESP)



UNIT

CORE



#### PLATE EXCHANGER

Polymeric membrane counter-flow ERV

#### CASING (Standard)

Material: 24-gauge galvanized steel

Drain connections: none

Duct connections: 5" (127 mm)

Insulation: Polystyrene

Length: 32-1/8" (816 mm)

Height: 9-7/8" (251 mm)

Width: 23-1/8" (587 mm)

Weight: 53 lbs (24kg)

Exhaust Damper: Closed by gravity

Fresh Air Damper: Motorized



#### MOUNTING (Standard)

Ceiling mounting bracket included

Mounting chains optional



#### ELECTRICAL & CONTROLS (Standard)

120 VAC, 60 HZ, 213 W, 1.99 A



#### FILTERS

(Standard)

Quantity: 1 supply, 1 exhaust

Supply Filter Type: Washable MERV 8 (P/N 607116)

Exhaust Filter Type: Washable Foam (P/N 609630)

(Optional: Sold Separately)

MERV 13 Filters (substitute on supply air circuit only)

P/N: 607117



#### BLOWERS & MOTORS

Two motorized impellers (forward-curved)

PSC motor



#### FROST PREVENTION/CONTROL

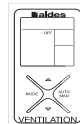
Automatic Timed Recirculation: Cycles are controlled by a temperature sensor when the outside temperature drops below 10.4°F (-12°C).

#### WARRANTY

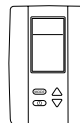
Limited 5 years on the cores and all covered components.

## WALL CONTROLS

Low voltage dry contact (24VAC) for interlock with heating and cooling systems.



Digital Multifunction Control (#611242-FC)



LCD Electronic Multifunction Control (P/N 611227)



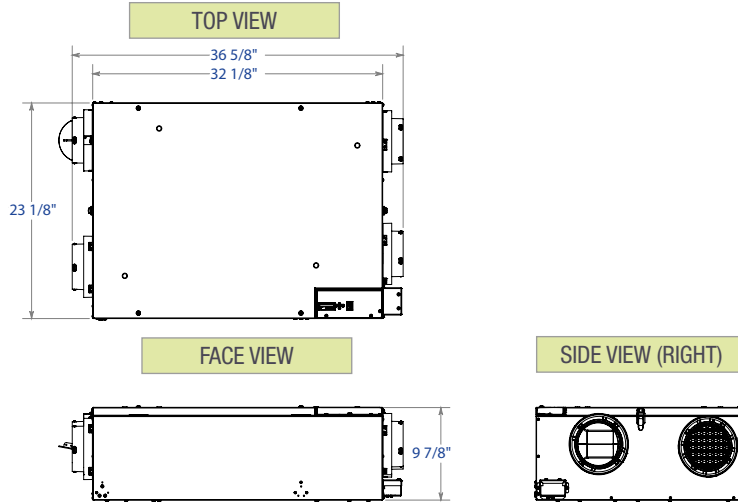
20/40/60 Minute Timer (P/N 611228)



Speed Control (Low/Intermittent/High)  
(P/N 611229)



Mode Control (Recirculation) (P/N 611230)



## EK120-HR-N: PERFORMANCE



Thermal Performance – EK120-HR-N								
Supply Temperature		Net Airflow		Power Consumed (w)	Sensible Recovery Efficiency	Adjusted Sensible Recovery Efficiency	Latent Recovery/Moisture Transfer	Total Recovery Efficiency
°F	°C	CFM	L/s					
<b>Heating</b>								
32	0	50	23	72	72%	82%	73%	--
32	0	64	30	88	71%	81%	72%	--
-13	-25	66	31	153	59%	65%	60%	--
<b>Cooling</b>								
95	35	50	23	74	--	--	73%	62%

Project:		Architect:	
Location:		Engineer:	
Model #:		Contractor:	
Quantity:		Comments:	
Submitted By:			
Date:			

For more information, contact your Aldes sales advisor, visit [aldes-na.com](http://aldes-na.com), call 1.800.255.7749, or find us on

